BR-515

30-3-15

M. A. R. 57 (Rule 116)
Measurement Book

No. B

Serial No. .....

Name of Work ... construction of dry waste collection and sorting centre at Sahakaranagara ... From ... ward No. 8 To 258301

Name of Contractor of nature of Agency ... Murali Mohan. Y.V., Sanjivu.

Date of commencement of work ... 04-03-2015

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Estimate cost : Rs. 6.00 Lakhs AS No. 103 / 22.12.2014 TS No. 252 / 22.12.2014. WO No. EE/ATP/BBMP/E-PMT/355/2014-15 dt 24.3.15 Job No. 008-15-0000~~2~~4 JH						
	Measurement recorded on : 30-3-2015						
1)	Earthwork in surface excavation in ordinary soil for levelling & lowering the ground & removing the excavated stuff to a final distance as directed.						

tive Engineer
...ra Division
...e, B.B.M.P.
...alore 560092

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Qty vide item No. (1) of page 258351 of Mis Bills - -					45.0	cum
	@ Rs. 140/- - - -					- - -	6300/-
	2) Excavation excavation for foundation of building in all soil including dressing of bottom & sides of pits as directed						
	Qty vide item No. (2) of page 258352 of Mis Bills - - -					26.24	cum
	Limited to					25.20	cum
	@ Rs. 250/- - - - - -					- - -	6335/-
	3) providing & laying in position pcc of mix M10 with OPC cement @ 220 kg with 20mm & dust granite metal, CA @ 0.84 cum & FA @ 0.56 cum						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	Machine mixed, conc exceeding 15cm slu complete.
	Qty vide item No. (3) of P
	4) providing & constru with CM 1:6, ot courses not less @ 2m apart in e materials, as di

Contents	Reference to last Measurement
7	8
45.0	cum
- - Ls	6300/-
26.24	cum
5.24	cum
- do	6335/-

M. A. R. 57 (Rule 116)
Measurement Book

No. B

Serial No. .....
Name of Work ..... From..... To..... 258302
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Machine mixed, concrete laid in layers not exceeding 150 mm thick cost & all leakages etc complete.						
	(Qty vide Item No(3) & Page 258255 & Mixing - - - limited to					9.48	cum
						7.53	cum
	@ Rs. 5100/- - - - = Rs						3840/-
4)	providing & constructing granite rubble in foundations with cm 1:6, stone hammer dressed in courses not less than 200 mm high laid stones @ 2m apart in each course cost & all materials, as directed.						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Qty vide Item No (4) of Page 258353 of Min MR - - -					8.05	cum
	Limited to					7.97	cum
	@ Rs. 3750/- - -					- - = Rs	29888/-
5)	Providing & constructing granite UCM in basement with CM 1:6, edges of stones chisel dressed in courses not less than 150 mm thick, bed stones @ as per as directed.						
	Qty vide Item No (5) of Page 258353 of Min MR - -					6.44	cum
	Limited to					5.97	cum
	@ Rs 4450/- - -					- - = Rs.	26567/-
6)	Providing & laying in position Rec of mix M20 with one coat @ 320 kg with [illegible] granite metal CA @ 0.[illegible] cum, FA @ 0.[illegible] cum						

M. A
Me

Serial No. .....
Name of Work ..... Fron
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Number
1	2	3
	with superplasticiser @ cost of all materials	3 Lts
	Qty vide Item No (6) of Page	258
7)	Providing TMT steel reinfo including transport, cutting, placing in position as dire	
	Qty vide Item No. (7) of Page	

OK

Depth 6	Contents 7	Reference to last Measurement 8
- - -	8.05	ccm
d to	7.97	ccm
- -	- - = Rs	29888/-
Gacet		
ased		
d stri		
A - -	6.44	ccm
d to	5.97	ccm
- -	- - = Rs.	26567/-
M20		
dla		

M. A. R. 57 (Rule 116)
Measurement Book

No. B

Serial No. .....
Name of Work ..... From..... To..... 258303
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	with superplasticiser @ 3 Ltrs machine mixed, cost of all materials etc complete						
1) Qty	vide Item No. (6) of Page 258354 of Mix M15 - - -					5.83	ccm
	deducted to					5.61	ccm
	@ Rs. 5950/- - -					- - = Rs.	33380/-
7)	Providing TMT steel reinforcement for RCC work including straightening, cutting, bending, hooking, lapping in position as directed.						
1) Qty	vide Item No. (7) of Page 258353 of Mix M15 - - -					521.88	kg
	=					0.523	Tonne
	deducted to					0.504	
	@ Rs. 76200/-					- - = Rs.	38758/-

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
8)	Refilling available earth ~~around~~ pipelines cables not exceeding 20cm in depth compacting each deposited layer by manually etc complete.						
	Qty vide item No. (8) of page 258/254 of MB Limited to					7.16 6.64 cum	cum
	@ Rs. 69/- - - -					= Rs.	458/-
9)	Earthwork excavation & filling sides of foundation upto plinth in layer not exceeding 20cm in depth compacting etc complete as directed.						
	Qty vide item No(9) of page 258/254 of MB					16.81	cum
	Limited To					16.25	cum
	@ Rs. 230/- - - -					= Rs	3738/-

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
10)	Providing & constructing with compressed stabilised CM 1:4 masonry with mortar in superstructure as directed
	long walls
	Short walls
	deduct for door

K

epth 6	Contents 7	Reference to last Measurement 8
ches each		
—	7.16 cum	
ete	6.64 cum	
—	= Ks.	458/-
ete in d.		
..	16.85 cum	
	16.25 cum	
..	= Ks	3738/-

M. A. R. 57 (Rule 116)
Measurement Book

No. B

Serial No. .....

Name of Work ..... From..... To..... 258304

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
10)	Providing & constructing pre cast concrete solid bricks with compr. strength not less than 35 kg/cm with CM 1:4 masonry with solid blocks of size 40x20x10 cm in superstructure wet all as directed						
	long walls	1	8.05	—	1.70	13.69	Sqm
		1	6.05	—	1.70	10.29	"
	short walls	1	5.85	—	1.70	9.95	"
		1	3.90	—	1.70	6.63	"
	deduct for door	-1	2.50	—	1.70	(-) 4.25	"
					TOTAL	36.30	Sqm
				Limited To		26.90	Sqm
			@	Rs. 970/-		= Ks	26093/-

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
13)	providing & fixing push & pull type rolling shutters of approved make as directed as per specification	1	2.50	—	2.60	6.50	Sqm
			@ Rs. 2800/-			= Rs.	18200/-
14)	providing & fixing top cover made out of 20gauge MS sheet cover of all materials etc.	1	3.0	—	—	3.00	m
			@ Rs. 640/-			= Rs.	1920/-
15)	providing & fixing MS grill work for windows & ventilators weighing 2kg/sqm with square rods as directed including cost of all materials, labour etc.						

M. A
M

Serial No. .....
Name of Work ..... Fro
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Number
1	2	3
	long walls side	
	short walls side	
10)	providing & fabricating steel including a coat of enamel & shop paint as directed	

K

Depth 6	Contents 7	Reference to last Measurement 8
ttes atin		
2.60	6.50	Sqm
00/-	- - = Rs.	18200/-
age		
—	3.00	m
0/-	- - = Rs.	1920/-
o & s, nt J		

M. A. R. 57 (Rule 116)
Measurement Book

No. B

258305

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Long walls side	1	8.05	—	1.00	8.05	Sqm
		1	6.05	—	1.00	6.05	"
	Short walls side	1	5.85	—	1.00	5.85	"
		1	3.90	—	1.00	3.90	"
					Total	23.85	Sqm
		@ 21 kg / Sqm			—	500.85	Kg
					Limited to	168.00	Kg
		@ Rs 98/-				= Rs.	16464/-
	Providing & fabricating structural steel tower work including 2 coats of enamel paint over a coat of shop paint as directed.						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		14	8.65	–	1.10	38.06	
			@ 22.20 kg/m	--		844.91	
	Trees	14	175.0	–	–	700.00	
					Total	1582.99	kg.
					=	1.58	Tonne
				Deduct		1.53	Tonne
			@ Rs. 90000/-			= Rs.	137700/-
11)	Providing metacolour sheet roofing including accessories treatment etc complete as directed						
		1	9.15	6.45	–	59.02	Sqm
		1	2.50	1.75	–	4.38	"
		1	23.85	1.30	–	31.01	"
					Total	94.40	Sqm

CB&EC

Executive Engr
Bvataray

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Num
1	2	
15		
16)	Providing 15mm thick ce with cm 1:6 to brick long wall	
	sheet wall	
	deduct for door	

OK

Depth 6	Contents 7	Reference to last Measurement 8
1.10	38.06	
--	844.93	
-	700.00	
Total	1582.99	kg.
=	1.58	Tonne
Accepted	1.53	Tonne
0000/-	-- -Rs.	1.53 @ Rs 1000/-
-	59.02	Sqm
-	4.38	"
-	31.01	"
Total	94.40	Sqm

M. A. R. 57 (Rule 116)
Measurement Book

No. B

258306

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
15				Limited to		90.25	Sqm
				@ Rs 1020/-		-- = Rs.	92055/-
16	Providing 15mm thick cement plaster in double coat with cm 1:6 to brick masonry as directed.						
	long wall	1	8.05	-	1.70	13.69	Sqm
		1	6.05	-	1.70	10.29	"
		1	5.85	-	1.70	9.95	"
	short wall	1	3.90	-	1.70	6.63	"
	deduct for door	-1	2.50	-	1.70	(-) 4.26	"
				Total		36.30	Sqm
				Limited to		28.10	Sqm
				@ Rs. 180/-		-- Rs.	5058/-

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
17)	providing & finishing external walls in two coats with water proof cement paint of approved brand & colour as directed.						
	as per item no. (16) of previous page					28.10	Sqm
						@ Rs. 75/- = Rs.	2108/-
18)	providing & laying in position PCC of min M20 with OPC cement @ 300 kg/cum using 6mm down graded metal CA @ 0.64 cum for @ 0.41 cum with superplasticizer @ 1lit/ machine mixed CM of all materials as directed						
		1	7.65	5.50	0.10	4.20	cum
	deduct	1	1.80	1.60	0.10	(-) 0.29	"
					TOTAL	3.90	cum
					deducted to	3.25	"
				@ Rs.	5750/-	= Rs.	18688/-

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
19)	Vacuum dewatering with mat & compaction with floating disc
	deduct for toilet

	Contents	Reference to last Measurement
	7	8
	28.00	SqM
	= Rs.	2108/-
	4.20	cum
	(-) 0.29	"
	3.91	cum
	3.25	"
	= Rs.	18688/-

M. A. R. 57 (Rule 116)
Measurement Book

No. B

258307

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
19	Vacuum dewatering with vacuum pump & suction mat & compaction with skin floater clubbed with floating disc cost of all materials.						
	@	1	7.65	5.50	–	42.08	SqM
	deduct for toilet	1	1.80	1.60	–	(-) 2.88	"
					total	39.20	SqM
				Limited to		38.29	SqM
			@	Rs. 90/-		= Rs.	2924/-
			Say total Amount = Rs.				505037/-

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Following materials procured & stored in Org waste collection center building. Vide Bill No. 96 dtd 30-3-2015, supplied by Sree Raghavendra Industrial Needs, A 370/4, 1st stage, 2nd floor, Peenya Industrial Estate, Bangalore - 560 058.						
1)	PVC Sacks.	No.	50 @	Rs.	20/-	1000.00	
2)	office table & chair	No.	2 @	Rs.	2500/-	5000.00	
3)	Wardrobe	No.	1 @	Rs.	6500/-	6500.00	
4)	stationeary	Set	1 @	Rs.	3000/-	3000.00	
5)	fan	No	1 @	Rs.	1300/-	1300.00	
6)	Weighing machines 200kg	No.	1 @	Rs.	11000/-	11000.00	
	100kg	No.	1 @	Rs.	7000/-	7000.00	

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
7)	Safe
8)	Storage Racks 17x2x6
9)	Fire Extinguisher
10)	Desktop table. 6x12 ft

Measurements Checked & Found Correct.

Grand To

30/3/

K

pth 6	Contents 7	Reference to last Measurement 8
0/-	1000.00	
0/-	5000.00	
0/-	6500.00	
/-	3080.00	
/-	1300.00	
0/-	11000.00	
0/-	₹ 000.00	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

258308

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Safes	No. 1	@	2000/-	- - Kg.	2000.00	
	Storage Racks 7ft x 2 x 6ft	No. 1	@	9500/-	- - Kg	9500.00	
	Fire Extinguisher	No. 1	@	1500/-	Kg	1500.00	
	Sofa Set 5 Seats 8x12ft	No. 1	@	20500/-	- - Kg.	20500.00	
						6810.00	
			Vat @ 5.5%.			3756.00	
			Sub Total - A			₹ 2056.00	
			Grand Total (A + A)			- - -	577093/-

Measurements Checked & Found Correct. 30/3/15

30/3/15

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಕೂಡ್ಲೇಪಳ್ಳಿ ಉಪವಿಭಾಗ
ಯಲಹಂಕ ವಲಯ, ಬಿ.ಬಿ.ಎಂ.ಪಿ
ಬೆಂಗಳೂರು - 560092

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Certificate: 1) Certified that the above work is completed satisfactorily. 2) The contractor has cleared all debris from worksport using his own vehicle. 3) There are no departmental losses to this work. 30/3/15 30/3/15 ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು ಕೋಡಿಗೇಹಳ್ಳಿ ಉಪವಿಭಾಗ ಯಲಹಂಕ ವಲಯ, ಬಿ.ಬಿ.ಎಂ.ಪಿ ಬೆಂಗಳೂರು - 560092						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency ....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	5776 505784 ಲೆಕ್ಕಾಧೀಕ್ಷಕರು

OOK

Depth 6	Contents 7	Reference to last Measurement 8
pleted satisfactorily. debris from workspot n to mi work.		
0 3 15		

ಪ್ರಧಾನ ಅಭಿಯಂತರರು
ಚಪಲ್ಲಿ ಉಪವಿಭಾಗ
ಪಲಯ. ಬಿ.ಬಿ.ಎಂ.ಪಿ
ಪುರು - 560092

M. A. R. 57 (Rule 116)
Measurement Book

No. B 258309

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	ರೂ 577093=00 ಗುತ್ತಿಗೆದಾರರ ಹೆಸರು: ಅಂಕಿಯಲ್ಲಿ ರೂ 21304=00 ಮೊತ್ತವಾಕ್ಷರದಲ್ಲಿ ಐದರ ಪೈಸೆಗಳು ರೂ 505784=00 ಪೂರ್ಣ ಮುಗಿಸಿದ ಸಿವಿಲ್ ಕಾಮಗಾರಿಗೆ Krishna Pavaskar ಲೆಕ್ಕಾಧಿಕಾರಿಯವರು ಸಹಾಯಕ ಅಭಿಯಂತರರು ಬಿ.ಬಿ.ಎಂ.ಪಿ						